

What is claimed is;

1. A voice reference apparatus that classifies a plurality of search targets into a plurality of division blocks, searches for a search target by first specifying a
5 division block and then specifying said search target and enables specification of, at least, said search target to be made by voice, comprising:

a first storage device in which recognition data
10 related to search targets corresponding to individual division blocks are stored;

a second storage device in which division block-
related information indicating one or more other division
blocks related to a given division block through a specific
15 relationship is stored;

a recognition data selection device that selects
recognition data corresponding to only a certain division
block and one or more other division blocks related to said
certain division block specified by said division block-
20 related information from said first storage device, when
said certain division block has been specified; and

a voice recognition processing device that performs
voice recognition based upon voice recognition data
generated by using said recognition data selected by said
25 recognition data selection device and audio data

corresponding to said search target specified by voice.

2. A voice reference apparatus according to claim 1,
wherein:

5 said plurality of division blocks are public
administrative zones;

 said search target is located in one of said public
administrative zones; and

 said division block-related information indicates one
10 or more other public administrative zones related to a
specified public administrative zone through a specific
relationship.

3. A voice reference apparatus according to claim 2,
15 wherein;

 said public administrative zones are each constituted
of a prefecture.

4. A voice reference apparatus according to claim 2,
20 wherein;

 said public administrative zones are each constituted
of a state.

5. A voice reference apparatus according to claim 2,
25 wherein;

said public administrative zones are each constituted of a country.

6. A voice reference apparatus according to claim 2,
5 wherein;

said division block-related information indicates one or more other public administrative zones adjacent to a specified public administrative zone.

10 7. A voice reference apparatus according to claim 6, wherein;

said recognition data related to said search target includes information related to a public administrative zone in which said search target is located .

15 8. A voice reference apparatus according to claim 7, further comprising:

a display control device that implements control to display details related to results of a search of said
20 search target on a display device, wherein;

when implementing control to display the details related to the results of the search of said search target, said display control device also displays on said display device information related to the public administrative
25 zone in which said search target is located.

9. A voice recognition navigation apparatus, comprising:
a voice reference apparatus;
a map information storage device that stores map

5 information; and

a control device that implements control for providing route guidance based upon, at least, results of a search performed by said voice reference apparatus and said map information, wherein;

10 said voice reference apparatus, which classifies a plurality of search targets into a plurality of division blocks, searches for a search target by first specifying a division block and then specifying said search target and enables specification of, at least, said search target to
15 be made by voice, comprises:

a first storage device in which recognition data related to search targets corresponding to individual division blocks are stored;

a second storage device in which division block-
20 related information indicating one or more other division blocks related to a given division block through a specific relationship is stored;

a recognition data selection device that selects recognition data corresponding to only a certain division
25 block and one or more other division blocks related to said

certain division block specified by said division block-related information from said first storage device, when said certain division block has been specified; and

a voice recognition processing device that performs
5 voice recognition based upon voice recognition data generated by using said recognition data selected by said recognition data selection device and audio data corresponding to said search target specified by voice.

10 ~~10.~~ A recording medium that records a voice reference control program for searching for a search target specified by voice, by first specifying a division block and then specifying said search target, said control program comprising:

15 an instruction for reading recognition data related to search targets, a plurality of said search targets being classified into a plurality of division blocks;

an instruction for reading data related to division block-related information indicating one or more other
20 division blocks related to a given block through a specific relationship;

an instruction for selecting recognition data corresponding to only a certain division block and one or more other division blocks related to said certain division
25 block specified by said division block-related information

when said certain division block has been specified; and
an instruction for implementing a voice recognition
based upon voice recognition data generated by using said
recognition data that have been selected and audio data
5 corresponding to said search target specified by voice.

11. A data signal transmitted in a communication line and
comprising a voice reference control program for searching
for a search target specified by voice, by first specifying
10 a division block and then specifying said search target,
said control program comprising:

an instruction for reading recognition data related to
search targets, a plurality of said search targets being
classified into a plurality of division blocks;

15 an instruction for reading data related to division
block-related information indicating one or more other
division blocks related to a given block through a specific
relationship;

an instruction for selecting recognition data
20 corresponding to only a certain division block and one or
more other division blocks related to said certain division
block specified by said division block-related information
when said certain division block has been specified; and

an instruction for implementing a voice recognition
25 based upon voice recognition data generated by using said

recognition data that have been selected and audio data corresponding to said search target specified by voice.